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Docket No.: GR 96 P 1650 P

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By: _____ Date: 11/8/99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ulrike Reeh et al.

Application No. : 09/221,789

Filed : December 28, 1998

Title : Light-Radiating Semiconductor Component With A Luminescence Conversion Element

Examiner : J. Jackson Jr. - Art Unit: 2815

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(C)(2)

Hon. Commissioner of Patents and Trademarks,
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. 1.98 copies of the following patents and/or publications are submitted herewith:

United States Patent No. 3,691,482 (Pinnow et al.), dated September 12, 1972;

United States Patent No. 3,699,478 (Pinnow et al.), dated October 17, 1972;

United States Patent No. 3,819,974 (Stevenson et al.), dated June 25, 1974;

United States Patent No. 5,019,746 (Merg), dated May 28, 1991;

✓ European Patent Application No. 97 933 047.9

Japanese Patent Application No. 198585/1996, dated July 29, 1996;

Japanese Patent Application No. 244339/1996, dated September 17, 1996;

Japanese Patent Application 245381/1996, dated September 18, 1996;

Japanese Patent Application No. 359004/1996, dated December 27, 1996;

Japanese Patent Application No. 081010/1997, dated March 31, 1997;

German Utility Model G 90 13 615.2, dated January 24, 1991, electroluminescent or laser diode;

Japanese Patent Abstract No. 5-152609 (Tadatsu), dated June 18, 1993;

Japanese Patent Abstract No. 07176794 A (Yoshinori), dated July 14, 1995;

Japanese Patent Abstract No. 08007614 (Yoshinori), dated January 12, 1996;

Thomas Jüstel et al.: "Neue Entwicklungen auf dem Gebiet lumineszierender Materialien für Beleuchtungs- und Displayanwendungen" [new developments in the field of luminescent materials for lighting and display applications], Angew. Chem. 1998, 110, pp. 3250-3271;

D. J. Robbins: : "The Effects of Crystal Field and Temperature on the Photoluminescence Excitation of Ce^{3+} in YAG", J. Electrochem. Soc.: Solid-State Science and Technology, September 1979, Vol. 126, No. 9, pp. 1550-1555;

Glen A. Slack et al: "Optical Absorption of $Y_3Al_5O_{12}$ from 10- to 55000-cm^{-1} Wave Numbers", Physical Review, Vol. 177, No. 3, 15 January 1969, pp. 1308-1314;

Shuji Nakamura et al.: "The blue laser diode: GaN based light emitters and lasers", Springer Verlag, Berlin, 1997, pp. 216--219, 328;

G. Blasse et al.: "A New Phosphor For Flying-Spot Cathode-Ray Tubes For Color Television: Yellow-Emitting $Y_3Al_5O_{12}$-Ce^{3+}", Applied Physics Letter, Vol. 11, No. 2, 15 July 1967, pp. 53, 54;

White LED Lamp by Nichia, copy of a Japanese Newspaper, dated September , 1996;

Mary V. Hoffman: "Improved color rendition in high pressure mercury vapor lamps", Journal of IES, January 1977, pp. 89-91;

B. M. J. Smets: "Phosphors Based On Rare-Earths, A New Era In Fluorescent Lighting", Materials Chemistry and Physics, 16 (1987), pp. 283-299;

Frank Möllmer et al.: :Siemens SMT-TOPLED für die Oberflächenmontage", [Siemens SMT-TOPLEDS for surface mounting], Siemens Components 29, 1991, No. 4, pp. 147-149.

In accordance with 37 C.F.R. 1.97 (c) (2), consideration of this Information Disclosure Statement is requested.

Enclosed is the fee in the amount of $240.00.

If no translation of pertinent portions of any foreign language patents or publications mentioned above is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the applicant.

Respectfully submitted,

For Applicants

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Date: November 8, 1999

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